NOTIFICATION OF ADDENDUM

ADDENDUM NO. 1

DATED 5/14/2009

Control	**6195-30-001**
Project	**RMC - 619530001**
Highway	**SH0006**
County	**GRIMES**

Ladies/Gentlemen:

Attached please find an addendum on the above captioned project. Included in the attachment is an adendum notification which details the changes and the respective proposal pages which were added and/ or changed.

Except for new bid insert pages, it is unnecessary to return any of the pages attached.

Bid insert pages must be returned with the bid proposal submitted to the Department, unless your firm is submitting a bid using a computer print out. The computer print out must be changed to reflect the new bid item information.

Contractors and material suppliers, etc. who have previously been furnished informational proposals are not being furnished a copy of the addendum. If you have a subcontractor on the above project, please advise them of this addendum. Acknowledgment of this addendum is not requested if your company has been issued a proposal stamped “This Proposal Issued for Informational Purposes.”

You are required to acknowledge receipt of this addendum on the Addendum Acknowledgement form contained in your bid proposal by placing a mark in the box next to the respective addendum.

Failure to Acknowledge receipt of this addendum in your bid proposal will result in your bid not being read.

04/99

SUBJECT: PLANS AND PROPOSAL ADDENDUMS
PROJECT: RMC - 619530001 CONTROL: 6195-30-001
COUNTY: GRIMES
LETTING: 05/19/2009
REFERENCE NO: 0514

PROPOSAL ADDENDUMS

_ PROPOSAL COVER
X BID INSERTS (SH. NO.: 1-2 and 2-2)
X GENERAL NOTES (SH. NO.: 1,2,3, and 4 Plan sheet 4)
X SPEC LIST (SH. NO.: 2-2)
X SPECIAL PROVISIONS:
ADDED: 300-016

DELETED:

_ SPECIAL SPECIFICATIONS:
ADDED:

DELETED:

_ OTHER:

DESCRIPTION OF ABOVE CHANGES
(INCLUDING PLANS SHEET CHANGES)

Seal coat is removed from SH 6 WFR. Construction Sequence changed. Plan sheet 3A (SH 6 WFR Typical Section) modified to show removal of the seal coat and changes to the Construction Sequence. General Notes revised to reflect changes in the Basis of Estimate for Items 316. Plan Sheet 4 (General Notes) was revised to show reduction in quantities of Items 316. Quantities were modified for Items 3162538, 3162576, 6622115 and 6662105. Plan Sheet 6 (Estimate and Quantity Sheet) and Plan Sheet 7 (Summary Sheet) are modified to reflect the changes in the quantities. Special Providion 300-016 is added to the contract.

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	134	2001		BACKFILL (TY A) DOLLARS and CENTS	STA	113.180	1
	164	2001	002	BROADCAST SEED (PERM) (RURAL) (SANDY) DOLLARS and CENTS	SY	2,515.000	2
	168	2001		VEGETATIVE WATERING DOLLARS and CENTS	MG	20.100	3
	316	2538		AGGR (TY-PB GR-4 OR TY-PL GR-4 SAC-B) DOLLARS and CENTS	CY	156.000	4
	316	2576		ASPH (AC-10-2TR OR AC-15P) DOLLARS and CENTS	GAL	7,397.000	5
	341	2031	020	D-GR HMA(QCQA) TY-C SAC-A PG64-22 DOLLARS and CENTS	TON	3,320.000	6
	354	2021		PLANE ASPH CONC PAV(0" TO 2") DOLLARS and CENTS	SY	1,068.000	7
	500	2001	005	MOBILIZATION DOLLARS and CENTS	LS	1.000	8
	502	2001	033	BARRICADES, SIGNS AND TRAFFIC HANDLING DOLLARS and CENTS	MO	2.000	9
	662	2115	001	WK ZN PAV MRK SHT TERM (TAB) TY Y-2 DOLLARS and CENTS	EA	1,421.000	10

ALT	ITEM-CODE			UNIT BID PRICE ONLY. WRITTEN IN WORDS	UNIT	APPROX QUANTITIES	DEPT USE ONLY
	ITEM NO	DESC CODE	S.P. NO.				
	666	2012	001	REFL PAV MRK TY I (W) 4" (SLD)(100MIL) DOLLARS and CENTS	LF	22,636.000	11
	666	2105	001	REFL PAV MRK TY I (Y) 4" (BRK)(100MIL) DOLLARS and CENTS	LF	2,065.000	12
	666	2111	001	REFL PAV MRK TY I (Y) 4" (SLD)(100MIL) DOLLARS and CENTS	LF	12,361.000	13
	672	2015	034	REFL PAV MRKR TY II-A-A DOLLARS and CENTS	EA	260.000	14

Project Number: RMC 6195-30-001 **County:** Grimes

Control: 6195-30-001 **Highway:** SH 6 WFR, Etc.

GENERAL NOTES

BASIS OF ESTIMATE

ITEM NO.	ITEM	RATE/UNIT	NO. UNITS	QTY	UNIT
168	VEGETATIVE WATERING	8 GAL/SY	2,515 SY	20.1	MG
316	ASPH (AC-10-2TR OR AC-15P)	0.38 GAL/SY	19,467 SY	7,397	GAL
316	AGGR (TY-PB GR-4 OR TY-PL GR-4 SAC-B)	1 CY/125 SY	19,467 SY	156	CY
341	D-GR HMA (QCQA) TY-C SAC-A PG64-22	220 LBS/SY	30,182 SY	3,320	TON

For Contractor's information only

DEBT TO THE STATE:

If the Comptroller is currently prohibited from issuing a warrant to the Contractor because of a debt owed to the State, then the Contractor agrees that any payment owing under the contract will be applied toward the debt or delinquent taxes until the debt or delinquent taxes are paid.

GENERAL:

General questions regarding this project should be referred to:

Carl Schroeder
Grimes County Maintenance Supervisor
1560 N. LaSalle (Bus. SH6)
Navasota, TX 77868
(936) 825-3446

View plan sheets on-line or download from the web at:
http://www.dot.state.tx.us/business/plansonline/plansonline.htm

Order plans from any of the plan reproduction companies shown on the web at:
http://www.dot.state.tx.us/gsd/plans/companies.htm

ITEM 7 LEGAL RELATIONS AND RESPONSIBILITIES:

Wear high visibility safety vests as outer garments at all times when work is being performed.

Prove to the Engineer's satisfaction that employees operating equipment on the travel lanes have a valid State Drivers License issued by one of the United States of America.

Verify locations of all existing utilities in the area of construction with local utility companies.

ITEM 8 PROSECUTION AND PROGRESS:

Commence work upon the issuance of work order by the Engineer or his representative. Working days will be charged in accordance with Section 8.3.A.4. “Standard Workweek.”

Working days estimated for this project include curing, testing and performance periods. Suspension of time for curing, testing or performance periods will not be granted, except time will not be charged during testing and performance periods which occur after the final acceptance as described in Section 5.8 of the Standard Specifications.

Provide the sequence of work with an estimated project schedule to the Engineer for approval prior to commencing any work on this contract. By noon of each Wednesday, provide the Engineer a written outline of the proposed work schedule for the following week. This outline will also list the times and places for proposed traffic control changes.

Notify the Engineer any time that work will not be performed by 8:15 a.m. of that day.

Do not commence work prior to sunrise and arrange the work so all equipment and/or personnel will not be on any traveled roadway after sunset.

The lane closure shall not exceed one (1) mile or shall not stop traffic for more than five minutes, whichever controls. There shall only be one lane closure at a time unless otherwise approved by the Engineer.

ITEM 134 BACKFILLING PAVEMENT EDGES:

Furnish Type A material that meets the requirements for topsoil in Item 160 or otherwise approved by the Engineer.

ITEM 302 AGGREGATES FOR SURFACE TREATMENTS:

For repair area seal coat use aggregate with a minimum surface aggregate classification "B" (SAC-B) as determined by the Aggregate Quality Monitoring Program (AQMP) listed in the Rated Source Quality Catalog (RSQC).

ITEM 316 SURFACE TREATMENTS:

After rolling is completed, control the speed of traffic at a maximum of 30 mph for a minimum of 2 hours or as directed before opening to the normal posted speed limit.

Sweep excess aggregate no sooner than 2 hours after rolling or as directed.

Provide pneumatic tire rollers.

Vehicles used to haul aggregate from the stockpile to the chip spreader will not be overloaded. Any damage to the roadway caused by the vehicles will be repaired by the Contractor at his expense and subsequent loads will be reduced so as not to cause further damage.

ITEM 341 DENSE-GRADED HOT-MIX ASPHALT (QC/QA):

Provide mixture Type C using PG binder 64-22. Use aggregate that meets the surface aggregate classification "A" (SAC-A) as determined by the Aggregate Quality Monitoring Program (AQMP) listed in the Rated Source Quality Catalog (RSQC).

Add one (1.0) percent hydrated lime, commercial, or lime slurry lime, based on the total aggregate weight, as mix enhancer for all mixture types. Provide hydrated lime or commercial lime slurry in accordance with DMS-6350, "Lime and Lime Slurry". Add hydrated lime or commercial lime slurry in accordance with Item 301.4.B.

Design for a target laboratory molded density of 97.0%.

The Engineer will approve the target asphalt percentage based on acceptable results from the Hamburg Wheel.

Hamburg Wheel Test Requirements			
High-Temperature Binder Grade	**Test Method**	**Laboratory Mixture Design or Trial Batch**	**Production and Placement Test**
		Minimum # of Passes @ 0.5" Rut Depth, Tested @122°F	**Minimum # of Passes @ 0.5" Rut Depth, Tested @122°F**
PG 64 or lower	Tex-242-F	7,000	7,000
PG 70	Tex-242-F	15,000	15,000
PG 76 or higher	Tex-242-F	20,000	20,000

The Engineer may accept if no more than one (1) of the five (5) most recent Hamburg Wheel tests is below the specified number of passes and the failing test is no more than 2,000 passes below the specified number of passes.

Feather hot-mix asphalt from pavement edges to form a transition with driveways as directed by the Engineer.

ITEM 354 PLANING AND TEXTURING PAVEMENT:

Planed material becomes property of the contractor, but can be used to backfill pavement edges if approved by the Engineer.

ITEM 502 BARRICADES, SIGNS, AND TRAFFIC HANDLING:

Provide all traffic control for this project. Truck Mounted Attenuators (TMAs) will not be required for this project except as directed by the Engineer. The traffic control plan will be governed by PART VI of the TMUTCD, the BC standards sheets, and the traffic control standard sheets or as directed by the Engineer.

Additional signing and/or barricades shown in the TMUTCD, BC, and TCP standards may be required by the Engineer to insure the safety of the traveling public.

Use TCP (1-2b) on TxDOT Standard Sheet TCP (1-2)-98 for all lane closures. Use flaggers and pilot vehicle(s) for all lane closures.

Project barricades will be required.

Warning reflectors or approved substitutes may be mounted on plastic drums in place of Type C steady burn warning lights if approved by the Engineer.

During one-way operations, station flaggers at all county roads and any other locations, such as private businesses, that may have traffic entering the work area.

Removal of ground mounted temporary signs and supports as specified on standard sheet BC(5)-07, shall include the immediate backfilling of support holes with Type B embankment material and the compaction of the backfill material.

ITEM 666 REFLECTORIZED PAVEMENT MARKINGS:

Furnish Type II drop-on glass traffic beads conforming to DMS-8290 for use with Type I marking materials.

Unless authorized by the Engineer, the Contractor will not place the pavement markings on the resurfaced roadway until it has cured for 3 days.

All striping limits must be approved by the Engineer before striping operations may begin.

ITEM 672 RAISED PAVEMENT MARKERS:

Use flexible bituminous adhesive for applications on all pavement types. Flexible bituminous adhesive must be approved by the Engineer prior to construction.

CONTROL : 6195-30-001
PROJECT : RMC - 619530001
HIGHWAY : SH0006
COUNTY : GRIMES

TEXAS DEPARTMENT OF TRANSPORTATION

GOVERNING SPECIFICATIONS AND SPECIAL PROVISIONS

ALL SPECIFICATIONS AND SPECIAL PROVISIONS APPLICABLE TO THIS PROJECT ARE IDENTIFIED AS FOLLOWS:

STANDARD SPECIFICATIONS: ADOPTED BY THE TEXAS DEPARTMENT OF TRANSPORTATION JUNE 1, 2004. STANDARD SPECIFICATIONS ARE INCORPORATED INTO THE CONTRACT BY REFERENCE.

ITEMS 1 TO 9 INCL., GENERAL REQUIREMENTS AND COVENANTS
ITEM 134 BACKFILLING PAVEMENT EDGES (162)(166)(168)(300)(314)
ITEM 164 SEEDING FOR EROSION CONTROL (162)(166)(168)
ITEM 168 VEGETATIVE WATERING
ITEM 316 SURFACE TREATMENTS (210)(300)(302)(520)
ITEM 341 DENSE-GRADED HOT-MIX ASPHALT (QC/QA) (210)(300)(301)(320)(520)(585)
ITEM 354 PLANING AND TEXTURING PAVEMENT
ITEM 500 MOBILIZATION
ITEM 502 BARRICADES, SIGNS, AND TRAFFIC HANDLING
ITEM 662 WORK ZONE PAVEMENT MARKINGS (666)(668)(672)(677)
ITEM 666 REFLECTORIZED PAVEMENT MARKINGS (316)(318)(662)(677)(678)
ITEM 672 RAISED PAVEMENT MARKERS (677)(678)

SPECIAL PROVISIONS: SPECIAL PROVISIONS WILL GOVERN AND TAKE PRECEDENCE OVER THE SPECIFICATIONS ENUMERATED HEREON WHEREVER IN CONFLICT THEREWITH.

SPECIAL PROVISION "SCHEDULE OFLIQUIDATED DAMAGES" (000--1493)
SPECIAL PROVISION "DEPARTMENT DIVISION MAILING AND PHYSICAL ADDRESS" (000---011)
SPECIAL PROVISION TO ITEM 1 (001---011)
SPECIAL PROVISION TO ITEM 2 (002---017)
SPECIAL PROVISION TO ITEM 3 (003---023)
SPECIAL PROVISION TO ITEM 4 (004---013)
SPECIAL PROVISION TO ITEM 5 (005---004)
SPECIAL PROVISION TO ITEM 6 (006---030)
SPECIAL PROVISIONS TO ITEM 7 (007---213)(007---445)

SPECIAL PROVISIONS	TO ITEM	9	(009---012)(009---015)
SPECIAL PROVISION	TO ITEM	164	(164---002)
SPECIAL PROVISION	TO ITEM	166	(166---001)
SPECIAL PROVISION	TO ITEM	300	(300---016)
SPECIAL PROVISION	TO ITEM	341	(341---020)
SPECIAL PROVISION	TO ITEM	500	(500---005)
SPECIAL PROVISION	TO ITEM	502	(502---033)
SPECIAL PROVISION	TO ITEM	662	(662---001)
SPECIAL PROVISION	TO ITEM	666	(666---001)
SPECIAL PROVISION	TO ITEM	672	(672---034)

SPECIAL SPECIFICATIONS:

GENERAL: THE ABOVE-LISTED SPECIFICATION ITEMS ARE THOSE UNDER WHICH PAYMENT IS TO BE MADE. THESE, TOGETHER WITH SUCH OTHER PERTINENT ITEMS, IF ANY, AS MAY BE REFERRED TO IN THE ABOVE-LISTED SPECIFICATION ITEMS, AND INCLUDING THE SPECIAL PROVISIONS LISTED ABOVE, CONSTITUTE THE COMPLETE SPECIFICATIONS FOR THIS PROJECT.

SPECIAL PROVISION

300---016

Asphalts, Oils, and Emulsions

For this project, Item 300, "Asphalts, Oils, and Emulsions," of the Standard Specifications, is hereby amended with respect to the clauses cited below, and no other clauses or requirements of this Item are waived or changed hereby.

Article 300.2. Materials, Table 3, "Polymer-Modified Asphalt Cement" is voided and replaced with the following:

Table 3A
Polymer-Modified Asphalt Cement

Property	Test Procedure	AC-5 w/2% SBR		AC-10 w/2% SBR		AC-15P		AC-20XP	
		Min	Max	Min	Max	Min	Max	Min	Max
Polymer		SBR		SBR		SBS		SBS	
Polymer Content, % (solids basis)	Tex-533-C	2.0	-	2.0	-	3.0	-	-	-
Dynamic Shear, G*/sin(delta), 64°C, 10 rad/s, kPa	T315	-	-	-	-	-	-	1.0	-
Viscosity									
140ºF, poise	T 202	700	-	1300	-	1500	-	2000	-
275ºF, poise	T 202	-	7.0	-	8.0	-	8.0	-	10
Penetration, 77ºF, 100 g, 5 sec.	T 49	120	150	80	-	100	150	75	115
Ductility, 5cm/min., 39.2ºF, cm	T 51	70	-	60	-	-	-	-	-
Elastic Recovery, 50ºF, %	Tex-539-C	-	-	-	-	55	-	55	-
Softening Point, ºF	T 53	-	-	-	-		-	120	-
Polymer Separation, 48 hrs.	Tex-540-C	None		None		None		None	
Flash Point, C.O.C., ºF	T 48	425	-	425	-	425	-	425	-
Tests on Residue from Thin Film Oven Test:	T179								
Retained Penetration Ratio, 77ºF	T 49	-	-	-	-	0.60	1.00	0.6	1.00
Tests on Residue from RTFO aging and Pressure Aging Vessel:	Tex-541-C and R28								
Bending Beam Rheometer	T313								
Creep Stiffness, -18°C, MPa		-	-	-	-	-	-	-	300
m-value, -18°C		-	-	-	-	-	-	0.300	-

Table 3B
Tire Rubber Modified Asphalt Cement

Property	Test Procedure	AC-10-2TR		AC-12-5TR		AC-20-5TR	
		Min	Max	Min	Max	Min	Max
Polymer		TR		TR		TR	
Polymer Content, % (solids basis)	Tex-533-C	2.0	-	5.0	-	5.0	-
Dynamic Shear, G*/sin(delta), 64°C, 10 rad/s, kPa	T315	-	-	-	-	1.0	-
Dynamic Shear, G*/sin(delta), 58°C, 10 rad/s, kPa	T315	1.0	-	-	-	-	-
Viscosity							
140ºF, poise	T 202	1000	-	1200	-	2000	-
275ºF, poise	T 202	-	8.0	-	8.0	-	10
Penetration, 77ºF, 100 g, 5 sec.	T 49	95	130	110	150	75	115
Elastic Recovery, 50ºF, %	Tex-539-C	30	-	55	-	55	-
Softening Point, ºF	T 53	110	-	113	-	120	-
Polymer Separation, 48 hrs.	Tex-540-C	None		None		None	
Flash Point, C.O.C., ºF	T 48	425	-	425	-	425	-
Tests on Residue from Thin Film Oven Test:	T179						
Retained Penetration Ratio, 77ºF	T 49	0.60	1.00	0.60	1.00	0.6	1.00
Tests on Residue from RTFO aging and Pressure Aging Vessel:	Tex-541-C and R28						
Bending Beam Rheometer	T313						
Creep Stiffness, -18°C, MPa		-	300	-	300	-	300
m-value, -18°C		0.300	-	0.300	-	0.300	-